

***Remarks***

Reconsideration of this Application is respectfully requested.

Upon entry of the foregoing amendment, claims 3-28 are pending in the application, with claims 3 and 15 being the independent claims. Claims 1-2 were previously cancelled.

Based on the following remarks, Applicants respectfully request that the Examiner reconsider all outstanding objections and rejections and that they be withdrawn.

***Rejections under 35 U.S.C. § 102***

The Examiner has rejected claims 3-9, 11, 13-21, 23 and 25-28 under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent Application Publication No. 2002/0198719 to Gergic *et al.* ("Gergic"). For the reasons set forth below, Applicants respectfully traverse.

Independent claim 3 is directed to a method for providing an interactive voice response service that includes:

selecting a script composed in accordance with a language for scripting interactive voice response services and having embedded therein an element of a high-level programming language;

processing the script, wherein processing the script includes executing the element of the high-level programming language to dynamically generate a script fragment composed in accordance with the language for scripting interactive voice response services and replacing the element of the high-level programming language with the generated script fragment to provide a processed script; and

interpreting the processed script to generate a voice response.

Gergic does not teach or suggest each and every one of the foregoing features of claim 3. For example, Gergic does not teach or suggest "selecting a script composed in accordance with a language for scripting interactive voice response services and having embedded therein an element of a high-level programming language" and "processing the script . . . to provide a processed script" as recited in claim 3.

Gergic discloses a VoiceXML processor that renders a VoiceXML document using reusable VoiceXML dialog components. *See, e.g.*, Gergic, paragraphs 18-20. In one implementation described in Gergic, a programmer drafts a Java Server Page and embeds calls to the reusable VoiceXML dialog components therein by encapsulating them within JavaBeans. Gergic, paragraph 82. A web application server generates a VoiceXML page by compiling the Java Server Page, a process that includes calling the reusable VoiceXML dialog beans from a database of reusable VoiceXML dialog beans. Gergic, paragraph 92.

Thus, in the implementation taught by Gergic, the process begins with a page that is coded *entirely* in a high-level programming language (i.e., a Java Server Page). The page is then compiled and a VoiceXML page is generated therefrom. This is quite different from the method of independent claim 3, which begins with "a script composed in accordance with a language for scripting interactive voice response services", such as VoiceXML, which has only "an element of a high-level programming language" embedded in it. The script is then processed to generate a "processed script" which is also in the "language for scripting interactive voice response services" (e.g., VoiceXML).

Since Gergic does not teach or suggest each and every feature of independent claim 3, it does not anticipate that claim. Furthermore, Gergic does not anticipate

dependent claims 4-9, 11, 13 and 14 for the same reasons as independent claim 3 from which they depend and further in view of their own respective features. Accordingly, Applicants respectfully request that the rejection of claims 3-9, 11, 13 and 14 under 35 U.S.C. § 102(e) be reconsidered and withdrawn.

Independent claim 15 is directed to an interactive voice interface that includes an application program "adapted to select and process a script wherein the script is composed in accordance with a language for scripting interactive voice response services and has embedded therein an element of a high-level programming language", wherein processing the script includes generating "a processed script." For the reasons discussed above with regard to independent claim 3, this feature is neither taught nor suggested by Gergic. Since Gergic does not teach or suggest each and every feature of independent claim 15, it does not anticipate that claim. Furthermore, Gergic does not anticipate dependent claims 16-21, 23 and 25-28 for the same reasons as independent claim 15 from which they depend and further in view of their own respective features. Accordingly, Applicants respectfully request that the rejection of claims 15-21, 23 and 25-28 under 35 U.S.C. § 102(e) be reconsidered and withdrawn.

***Rejections under 35 U.S.C. § 103***

The Examiner has also rejected claims 3 and 15 under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,569,207 to Sundaresan ("Sundaresan") in view of U.S. Patent No. 6,269,336 to Ladd *et al.* ("Ladd"). For the reasons set forth below, Applicants respectfully traverse.

Sundaresan discloses a system for automatically generating Java class specifications from extensible Markup Language (XML) schemas and then automatically instantiating Java objects from those class specifications using data contained in XML documents. *See* Sundaresan, col. 3, ll. 28-39. The automatically-generated Java class specifications may be embedded in "script files, HTML pages, [or] servlet and Java server pages". Sundaresan, col. 12, ll. 30-34.

This embedding of Java class specifications in "script files, HTML pages, [or] servlet and Java server pages" as taught by Sundaresan is not the same thing as the embedding of "an element of a high-level programming language" in "a script composed in accordance with a language for scripting interactive voice response services" as recited in independent claims 3 and 15. As set forth in those claims, the "element of a high-level programming language" is something that can be executed "to dynamically generate a script fragment composed in accordance with the language for scripting interactive voice response services." The Java class specifications in Sundaresan cannot be so executed, and instead are only used for instantiating Java objects.

Consequently, Sundaresan does not teach or suggest selecting and processing "a script wherein the script is composed in accordance with a language for scripting interactive voice response services and having embedded therein an element of a high-level programming language" as recited in claim 3 or an application program for performing this function as recited in claim 15. Furthermore, Ladd, which is generally directed to a markup language for providing interactive services, does not provide the missing teaching or suggestion.

Since Sundaresan and Ladd, taken alone or in combination, fail to teach or suggest each and every element of independent claims 3 and 15, these references cannot render claims 3 or 15 obvious. Accordingly, Applicants respectfully request that the rejection of claims 3 and 15 under 35 U.S.C. § 103(a) be reconsidered and withdrawn.

The Examiner has rejected claims 10 and 22 under 35 U.S.C. § 103(a) as being unpatentable over Sundaresan in view of Ladd and further in view of U.S. Patent No. 6,144,938 to Surace *et al.* ("Surace). Like Sundaresan and Ladd, Surace nowhere teaches or suggests selecting and processing "a script wherein the script is composed in accordance with a language for scripting interactive voice response services and having embedded therein an element of a high-level programming language" as recited in claim 3 or an application program for performing this function as recited in claim 15.

Since Sundaresan, Ladd, and Surace, taken alone or in combination, fail to teach or suggest each and every element of independent claims 3 and 15, these references cannot render claims 3 or 15 obvious. Dependent claims 10 and 22 are likewise not rendered obvious by the combination of Sundaresan, Ladd, and Surace for the same reasons as independent claims 3 and 15 from which they depend and further in view of their own respective features. Accordingly, Applicants respectfully request that the rejection of claims 10 and 22 under 35 U.S.C. § 103(a) be reconsidered and withdrawn.

#### ***Other Matters***

The Examiner has objected to claims 12 and 24 as being dependent upon a rejected base claim. Based on the foregoing remarks, Applicants have traversed the rejection of the base claims from which claims 12 and 24 depend. Accordingly,

Applicants respectfully request that the objection to claims 12 and 24 be reconsidered  
and withdrawn.

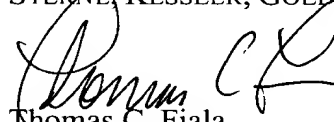
***Conclusion***

All of the stated grounds of objection and rejection have been properly traversed, accommodated, or rendered moot. Applicants therefore respectfully request that the Examiner reconsider all presently outstanding objections and rejections and that they be withdrawn. Applicants believe that a full and complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Amendment and Reply is respectfully requested.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Thomas C. Fiala  
Attorney for Applicants  
Registration No. 43,610

Date: 3/17/05

1100 New York Avenue, N.W.  
Washington, D.C. 20005-3934  
(202) 371-2600